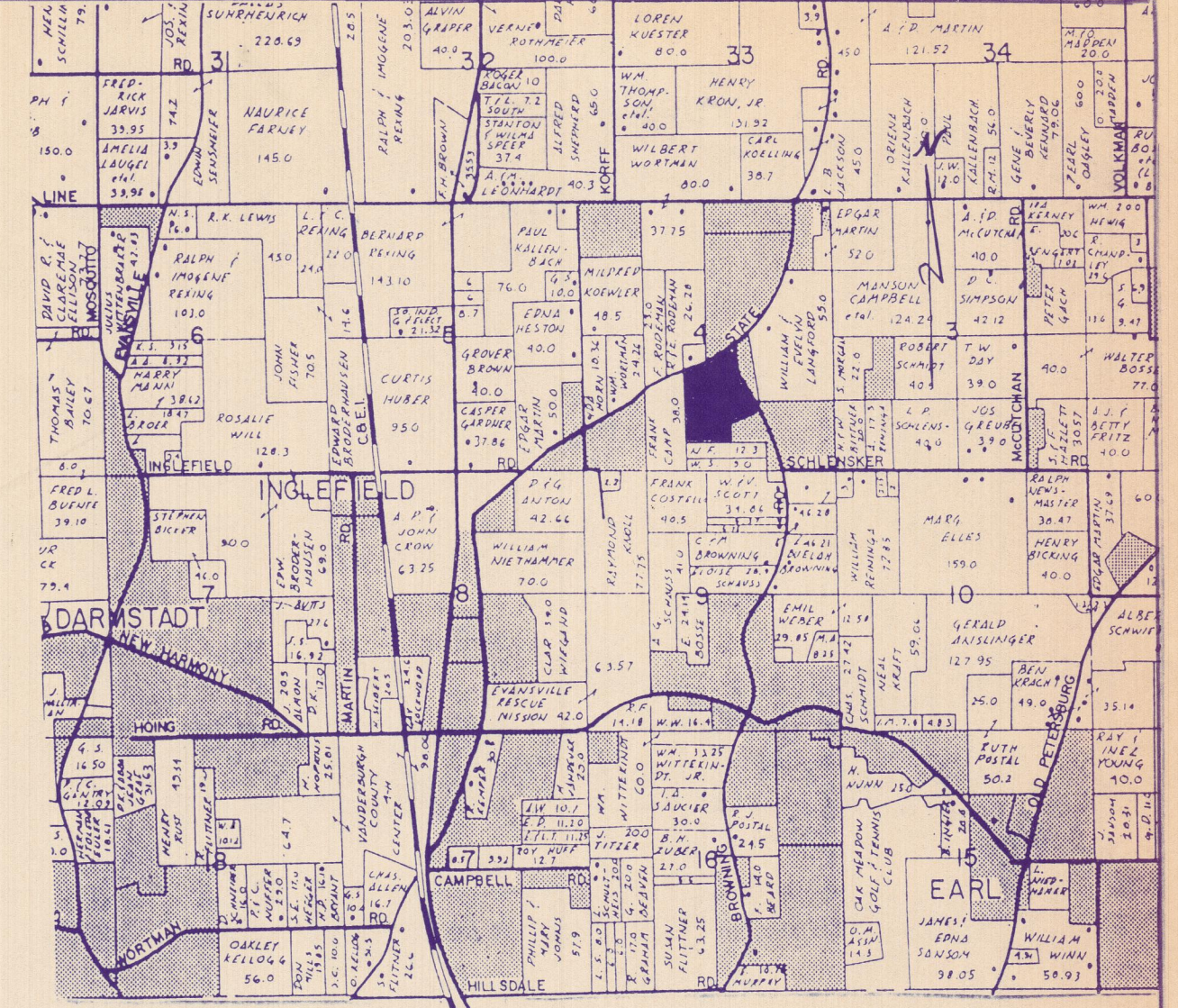
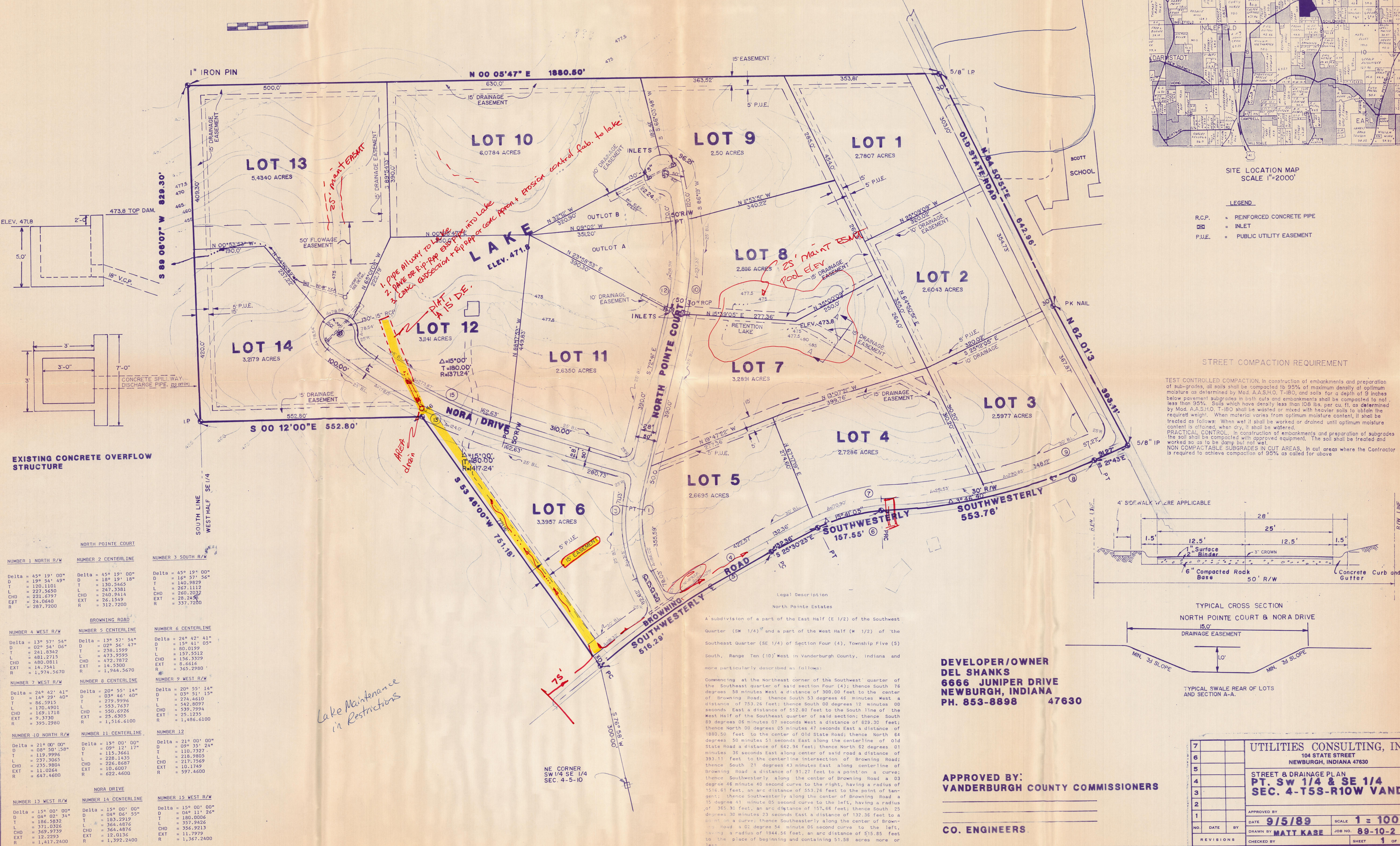


# NORTH POINTE ESTATES

## STREET & DRAINAGE PLAN



SITE LOCATION MAP  
SCALE 1"=2000'

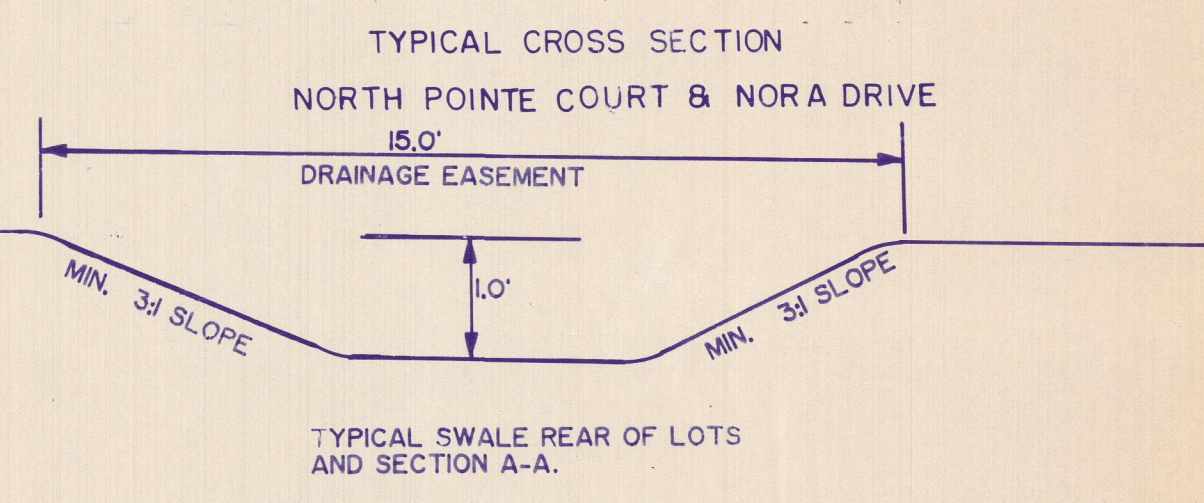
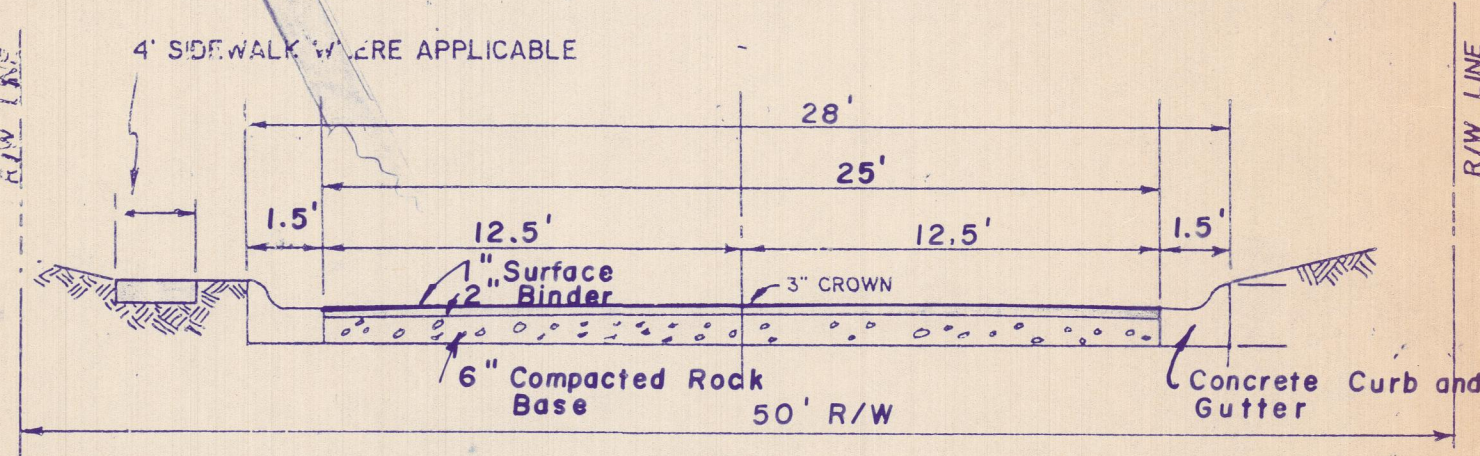
- LEGEND**
- R.C.P. = REINFORCED CONCRETE PIPE
  - INLET = INLET
  - P.U.E. = PUBLIC UTILITY EASEMENT

**STREET COMPACTION REQUIREMENT**

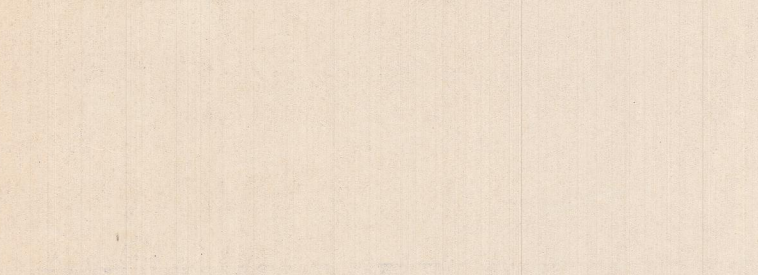
**TEST CONTROLLED COMPACTION.** In construction of embankments and preparation of sub-grades, all soils shall be compacted to 95% of maximum density at optimum moisture as determined by Mod. A.A.S.H.O. T-100, and soils for a depth of 9 inches below pavement subgrades in both cuts and embankments shall be compacted to not less than 95%. Soils which have density less than 100 lbs. per cu. ft. as determined by Mod. A.A.S.H.O. T-100 shall be wasted or mixed with heavier soils to obtain the required weight. When material varies from optimum moisture content, it shall be treated as follows: When wet it shall be worked or drained until optimum moisture content is obtained, when dry, it shall be watered.

**PRACTICAL CONTROL.** In construction of embankments and preparation of subgrades the soil shall be compacted with approved equipment. The soil shall be treated and worked so as to be damp but not wet.

**NON COMPACTABLE SUBGRADES IN CUT AREAS.** In cut areas where the Contractor is required to achieve compaction of 95% as called for above.



**EXISTING CONCRETE OVERFLOW STRUCTURE**



NORTH POINTE COURT		
NUMBER 1 NORTH R/W	NUMBER 2 CENTERLINE	NUMBER 3 SOUTH R/W
Delta = 45° 19' 00" D = 19° 54' 49" T = 120.1101 L = 227.5650 CHD = 221.6797 EXT = 24.0640 R = 287.7200	Delta = 45° 19' 00" D = 18° 19' 18" T = 130.3465 L = 247.3381 CHD = 240.9414 EXT = 26.1549 R = 312.7200	Delta = 45° 19' 00" D = 16° 57' 56" T = 140.9829 L = 267.1112 CHD = 260.2032 EXT = 28.2458 R = 337.7200
BRONNING ROAD		
NUMBER 4 WEST R/W	NUMBER 5 CENTERLINE	NUMBER 6 CENTERLINE
Delta = 13° 57' 54" D = 02° 54' 06" T = 281.5342 L = 481.2715 CHD = 480.0811 EXT = 14.7541 R = 1,974.5670	Delta = 13° 57' 54" D = 02° 56' 47" T = 238.1959 L = 473.9595 CHD = 472.7872 EXT = 14.5900 R = 1,944.5670	Delta = 24° 42' 41" D = 15° 41' 05" T = 80.0199 L = 157.5512 CHD = 156.3329 EXT = 8.6616 R = 365.2980
NUMBER 7 WEST R/W	NUMBER 8 CENTERLINE	NUMBER 9 WEST R/W
Delta = 24° 42' 41" D = 14° 29' 40" T = 86.5915 L = 170.4901 CHD = 169.1718 EXT = 9.3700 R = 395.2980	Delta = 20° 55' 14" D = 03° 46' 40" T = 279.9996 L = 553.7637 CHD = 550.6926 EXT = 25.6305 R = 1,516.6100	Delta = 20° 55' 14" D = 03° 51' 15" T = 274.4610 L = 542.9805 CHD = 539.7994 EXT = 25.1235 R = 1,486.6100
NUMBER 10 NORTH R/W	NUMBER 11 CENTERLINE	NUMBER 12
Delta = 21° 00' 00" D = 08° 50' 38" T = 119.9996 L = 237.3065 CHD = 235.9804 EXT = 11.0264 R = 647.4600	Delta = 15° 00' 00" D = 09° 12' 17" T = 115.3661 L = 228.1435 CHD = 226.8087 EXT = 10.6007 R = 622.4600	Delta = 21° 00' 00" D = 09° 35' 24" T = 110.7327 L = 218.9805 CHD = 217.7569 EXT = 10.1749 R = 597.4600
NORA DRIVE		
NUMBER 13 WEST R/W	NUMBER 14 CENTERLINE	NUMBER 15 WEST R/W
Delta = 15° 00' 00" D = 04° 02' 34" T = 186.5832 L = 371.0326 CHD = 369.9739 EXT = 12.2233 R = 1,417.2400	Delta = 15° 00' 00" D = 04° 06' 55" T = 183.2919 L = 364.4876 CHD = 364.4876 EXT = 12.0136 R = 1,392.2400	Delta = 15° 00' 00" D = 04° 11' 26" T = 180.0006 L = 357.9426 CHD = 356.9213 EXT = 11.7979 R = 1,367.2400

*Lake Maintenance in Restrictions*

A subdivision of a part of the East Half (E 1/2) of the Southwest Quarter (SW 1/4) and a part of the West Half (W 1/2) of the Southeast Quarter (SE 1/4) of Section Four (4), Township Five (5) South, Range Ten (10) West in Vanderburgh County, Indiana and more particularly described as follows:

Commencing at the Northeast corner of the Southwest quarter of the Southeast quarter of said section Four (4); thence South 76 degrees 58 minutes West a distance of 300.00 feet to the center of Browning Road; thence South 53 degrees 46 minutes West a distance of 1880.50 feet to the center of Old State Road; thence North 64 degrees 50 minutes 51 seconds East along the centerline of Old State Road a distance of 642.94 feet; thence North 62 degrees 01 minutes 36 seconds East along center of said road a distance of 393.11 feet to the centerline intersection of Browning Road; thence South 21 degrees 43 minutes East along centerline of Browning Road a distance of 91.27 feet to a point on a curve; thence Southwesterly along the center of Browning Road a 03 degree 46 minute 40 second curve to the right, having a radius of 1516.61 feet, an arc distance of 553.76 feet to the point of tangent; thence Southwesterly along the center of Browning Road a 15 degree 41 minute 05 second curve to the left, having a radius of 365.30 feet, an arc distance of 157.66 feet; thence South 25 degrees 30 minutes 23 seconds East a distance of 132.36 feet to a point on a curve; thence Southwesterly along the center of Browning Road a 02 degree 54 minute 06 second curve to the left, having a radius of 1844.56 feet, an arc distance of 515.85 feet to the place of beginning and containing 51.58 acres more or less.

**DEVELOPER/OWNER**  
DEL SHANKS  
6666 JUNIPER DRIVE  
NEWBURGH, INDIANA  
PH. 853-8898 47630

**APPROVED BY:**  
VANDERBURGH COUNTY COMMISSIONERS

**CO. ENGINEERS**

7 UTILITIES CONSULTING, INC. 104 STATE STREET NEWBURGH, INDIANA 47630			
6 STREET & DRAINAGE PLAN PT. SW 1/4 & SE 1/4 SEC. 4-T5S-R10W VAND			
APPROVED BY	DATE 9/5/89	SCALE 1" = 100'	
DRAWN BY MATT KASE	CHECKED BY	JOB NO. 89-10-2	SHEET 1 OF 4